



PATENTS  
112056-0002  
P01-1011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
John K. Edwards et al. )  
 )  
Serial No.: 10/027,634 )  
 )  
Filed: December 21, 2001 )  
 )  
For: FILE SYSTEM DEFAGMEN- )  
TATION TECHNIQUE VIA )  
WRITE ALLOCATION )  
 )

Examiner: Hong Chong Kim  
Art Unit: 2186

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
September 10, 2004

“Express Mail” Mailing-Label Number: EV335590575US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

AMENDMENT

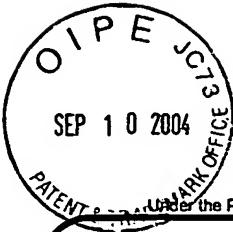
This Amendment is filed in response to the Office Action mailed on June 10, 2004. All objections and rejections are respectfully traversed.

09/13/2004 JADD01 00000010 10027634

01 FC:1201  
02 FC:1202

602.00 OP  
216.00 OP

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Patent and Trademark Office/SB/17 (10-03)

Approved for use through 04/30/2003, OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant Claims Small Entity Status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 818)

Complete if Known

Application Number	10/027,634
Filing Date	December 21, 2003
First Named Inventor	John K. Edwards et al.
Examiner Name	Hong Chong Kim
Group Art Unit	2186
Attorney Docket No.	112056-0002

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money  Other  None  
 Deposit Account Order

Deposit  
Account  
Number  
03-1237

Deposit  
Account  
Name  
Cesari and McKenna, LLP

The Commissioner is authorized to: (check all that apply)  
Charge any deficiency or  
 Charge fee indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEES CALCULATION (continued)

#### 3. ADDITIONAL FEES

##### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English Specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility Issue fee (or reissue)	
1502	470	2502	235	Design Issue fee	
1503	630	2503	315	Plant Issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
Other fee (specify)					
*Reduced by Basic Filing Fee Paid				<b>SUBTOTAL (3)</b>	(\$ 0)

### FEES CALCULATION

#### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid		
Fee Code	Fee Code	Fee Description	Fee Paid		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>				0	

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Fee from Claims below	Fee Paid
Total Claims 37 - 25** = 12 x 18 = 216	
Independent Claims 12 - 5** = 7 x 86 = 602	
Multiple Dependent	= 0

Large Entity	Small Entity	Fee Description		
Fee Code	Fee Code	Fee Description		
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>				818

\*or number previously paid, if greater; For Reissues, see below

#### SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	A. Sidney Johnston	Registration No. (Attorney/Agent)	29,548	Telephone	(617) 951-2500
Signature	September 10, 2004				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.44. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:  
John K. Edwards et al.  
Serial No.: 10/027,634  
Filed: December 21, 2001  
For: FILE SYSTEM DEFRAAGMENTA-  
TION TECHNIQUE VIA WRITE  
ALLOCATION

Examiner: Hong Chong Kim  
Art Unit: 2186

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88 Black Falcon Avenue  
Boston, MA 02210  
September 10, 2004

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EXPRESS-MAIL DEPOSIT

“Express Mail” Mailing-Label Number: EV33590575US

The following papers are being deposited with the United States Postal Service  
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

Fee Transmittal Letter  
 Check No. 5424 for \$818.00  
 Response to Office Action

Amendment Transmittal Letter  
 Return Receipt Postcard



RECEIVED  
SEP 14 2004  
Technology Center 2100

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the Patent Application of

Inventor(s): John K. Edwards et al.

For: FILE SYSTEM DEFRAAGMENTATION TECHNIQUE  
VIA WRITE ALLOCATION

Serial No.: 10/027,634

Filed: December 21, 2001

are the following papers:

- A response to the Office action dated June 10, 2004
- A petition for extension of time and check for \$
- A check for \$818 to cover the fee for additional claims resulting from the response. The fee is calculated as follows:

Total Claims Remaining after  
Amendment: ..... 37  
Less Highest Number of Total Claims  
Previously Paid for: ..... 25  
  
Difference ..... 12 x \$ 18 = \$ 216

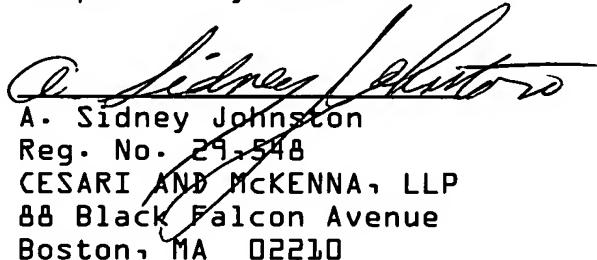
Independent Claims Remaining  
after Amendment ..... 12  
Less Highest Number of Independent  
Claims Previously Paid for ..... 5  
  
Difference ..... 7 x \$ 86 = \$ 602

Multiple-Dependent-Claim Fee Required  
after Amendment and Not Previously Paid ..... \$ 0

Total of Above Calculations ..... \$ 818  
Less Reduction for Small Entity ..... \$ 0  
  
Total Due ..... \$ 818

The Commissioner is hereby authorized to charge any  
other fees under 37 C.F.R. §§1.1b and 1.17 that may be required,  
or credit any overpayment, to our Deposit Account No. 03-1237.

Respectfully submitted,

  
A. Sidney Johnston  
Reg. No. 29,548  
CESARI AND MCKENNA, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
(617) 951-2500